BRIDGE EVALUATION

Facility Name _____

Address _____

Co-City-Vic _____

Mo/Day/Yr _____/_____/_____ Time _____

use 24 hr.

Type of Disaster _____

SAP ID #s. _____ _____

Other Reports _____

No. Photos _____ No. Sketches _____

Ref. Dwgs. _____

Est. Damage %_____

Facility Status

SAFETY INSTRUCTIONS: The possibility of toxic gases in confined spaces or of fuel leaks should be recognized as a potential hazard.

CAUTION: The primary purpose of the report is to advise of the condition of the facility for immediate continued use/occupancy. REINSPECTION OF THE FACILITY IS RECOMMENDED. AFTERSHOCKS MAY CAUSE DAMAGE THAT REQUIRES REINSPECTION. The conclusions reached by engineers who re-examine the facility later should take precedence. The assessment team will not render further advice in the event of conflict of engineering recommendations.

A. CONDITION:

Existing:	None O	Recommended:	Green O	Posted at this assessment:	Yes O
	Green O		Yellow O		No O
	Yellow O		Red O		
	Red O				

B. RECOMMENDATIONS

Monitor _____	O	Use for emergency vehicles _____	O
Use for public transportation _____	O	Close to truck traffic _____	O
Use for pedestrians _____	O	Use for private passenger vehicles only___	O
Use for two-way traffic _____	O	Use for one-way traffic _____	O
Use off-site detour _____	O	Use for on-site detour _____	O
Use underpass only _____	O	Use overpass only _____	O
Barricade _____	O	Shore and brace _____	O

C. COMMENTS _____

_____

_____

Facility Name _____ SAP ID #s _____

D. BRIDGE DESCRIPTION

1. Type

	MATERIAL				
	Concrete Prestr.	Concrete Reinf.	Steel	Composite	Timber
Arch	o	o	o	o	o
Box	o	o	o	o	o
Cantilever	o	o	o	o	o
Girder	o	o	o	o	o
Slab	o	o	o	o	o
Suspension	o	o	o	o	o
Truss	o	o	o	o	o
Other	o	o	o	o	o

2. Foundation: Caisson o Pile o Spread footings o

3. Internal support

	Number of spans One	Two	No.	Height (ft)
Bents (frames)	o	o	_____	_____
Columns	o	o	_____	_____
Piers	o	o	_____	_____

4. Abutments High _____ ft.
Low _____ ft.

5. Road Dimensions Length _____ ft.
Curb to curb _____ ft
Walks _____ft

DAMAGE OBSERVED (D.O.)

Damage Scale:	0 None (0%)	1 Slight (1-10%)	2-3-4 Moderate (11 - 40%)	5 Severe (41 - 60%)	6 Total (over 60%)	NA Not Applicable	NO Not Observed

E. FOUNDATION
D.O.
____ Earth movements/gaps
Piles at:
____ a) abutments
____ b) Piers
Spread footings at:
____ a) Abutments
____ b) Piers

F. ABUTMENTS
_____ Disturbance or erosion
_____ Wall movement (____in)
_____ Backfill settlement (____in)

G. WINGWALLS
_____ Damage
o Movement
o Separation

H. APPROACHES
D.O.
_____ Damage
o Operational
o Roadway settled (___in)
o Off bridge seat

I. BEARINGS
_____ Integral
_____ Contact
_____ Rocker
_____ Elastomeric Pad

J. INTERMEDIATE SUPPORTS
_____ Settlement
_____ Damage
o Near top
o Near bottom
o Near middle
o Moment failure
o Shear failure
o Compression failure
o Support lost

K. SUPERSTRUCTURE
D.O.
_____ Girder
o Shear cracks
o Moment cracks
_____ Deck
o Long. joints enlarged
o Expansion joints
_____ Truss
o Upper chord
o Lower chord
o Diagonals
____ Suspenders

L. GEOTECHNICAL
_____ Liquefaction
_____ Landslide
_____ Faulting
_____ Other

REMARKS _____